

Table S-1

Electrical conductivity, pH, and fixed carbon, volatile matter and ash content via proximate analysis for Douglas fir and hazelnut shell chars produced at 370 °C, 500 °C, and 620 °C.

Feedstock	Pyrolysis			Proximate Analysis ^a		
	Temperature °C	EC μS/cm	pH (H ₂ O)	Fixed Carbon %	Volatile Matter %	Ash Content %
Douglas fir	370	81.9 ± 0.8	7.58 ± 0.06	82.8 ± 0.2	15.6 ± 0.3	1.6 ± 0.1
	500	64.0 ± 1.2	8.07 ± 0.09	88.2 ± 0.8	10.1 ± 0.5	1.7 ± 0.2
	620	118 ± 3	9.33 ± 0.02	92.1 ± 0.8	4.2 ± 0.5	3.7 ± 0.8
Hazelnut shell	370	217 ± 1	9.55 ± 0.02	78.3 ± 0.5	19.4 ± 0.5	2.3 ± 0.1
	500	700 ± 4	9.64 ± 0.01	89.9 ± 0.1	7.6 ± 0.2	2.5 ± 0.2
	620	666 ± 5	10.07 ± 0.01	92.0 ± 0.2	5.5 ± 0.3	2.5 ± 0.1

^a Proximate Analysis data represent % (mass fraction) on a dry basis

^b Values following ± indicate standard error